Name of Work:Improvements to Cross roads at Muneshwara Layout in ward no 03

EMB

"FIRST AND FINAL BILL"

Name of Work:Improvements to Cross roads at Muneshwara Layout in ward no 03

Detailed Measurements

easurement Recorded On:

:m Io	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
1	Removing and refixing stone slabs of drains and pointing in CM (1:3) (P.No-27,I No-5.33)							
	Muneshwara Layout							
	10th Cross Rd							
	Top Slab							
	Ch:0.00m to 30.00m	LHS	1	5.00	0.90		4.50	
	Ch:30.00m to 46.6m	LHS	1	3.00	0.90		2.70	
	Ch:0.00m to 30.00m	RHS	1	1.00	0.90		0.90	
	Ch:30.00m to 46.6m	RHS	1	3.00	0.90		2.70	
	11th Cross Rd							
	Ch:0.00m to 30.00m	LHS	1	3.00	0.90		2.70	
	Ch:30.00m to 23.00m	LHS	1	4.00	0.90		3.60	
	Ch:0.00m to 30.00m	RHS	1	2.00	0.90		1.80	
	Ch:30.00m to 23.00m	RHS	1	4.00	0.90		3.60	
	12th Cross Rd							
	Ch:0.00m to 30.00m	LHS	1	6.00	0.90		5.40	
	Ch:30.00m to 27.80m	LHS	1	5.00	0.90		4.50	
	Ch:0.00m to 30.00m	RHS	1	2.80	0.90		2.52	
	Ch:30.00m to 27.80m	RHS	1	4.00	0.90		3.60	
	Bottam Slab							
	10th Cross Rd							
	Ch:0.00m to 30.00m	LHS	1	3.00	1.65		4.95	
	Ch:30.00m to 16.60m	LHS	1	4.00	1.65		6.60	
	Ch:0.00m to 30.00m	RHS	1	5.00	1.65		8.25	
	Ch:30.00m to 16.60m	RHS	1	2.00	1.65		3.30	
	11th Cross Rd							
	Ch:0.00m to 30.00m	LHS	1	3.00	1.65		4.95	
	Ch:30.00m to 23.00m	LHS	1	4.00	1.65		6.60	
	Ch:0.00m to 30.00m	RHS	1	7.00	1.65		11.55	
	Ch:30.00m to 23.00m	RHS	1	4.00	1.65		6.60	
	12th Cross Rd							
	Ch:0.00m to 30.00m	LHS	1	1.00	1.65		1.65	
	Ch:30.00m to 27.80m	LHS	1	5.10	1.65		8.42	
	Ch:0.00m to 30.00m	RHS	1	4.00	1.65		6.60	
	Ch:30.00m to 27.80m	RHS	1	3.00	1.65		4.95	
						Present Qty	**112.94**	**Sqm**

CAFC

ontractor

Asst. Engineer

25/6/2020

Asst. Exec. Engineer,

Name of Work:Improvements to Cross roads at Muneshwara Layout in ward no 03

Detailed Measurements

asurement Recorded On:

n	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (P.No-143, I.No-19.1)							
	10th Cross Rd							
	Ch:0.00m to 30.00m	LHS	1	30.00	0.40	0.30	3.60	
	Ch:30.00m to 46.6m	LHS	1	16.60	0.40	0.30	1.99	
	Ch:0.00m to 30.00m	RHS	1	30.00	0.40	0.30	3.60	
	Ch:30.00m to 46.6m	RHS	1	16.60	0.40	0.30	1.99	
	11th Cross Rd							
	Ch:0.00m to 30.00m	LHS	1	30.00	0.40	0.30	3.60	
	Ch:30.00m to 23.00m	LHS	1	23.00	0.40	0.30	2.76	
	Ch:0.00m to 30.00m	RHS	1	30.00	0.40	0.30	3.60	
	Ch:30.00m to 23.00m	RHS	1	23.00	0.40	0.30	2.76	
	12th Cross Rd							
	Ch:0.00m to 30.00m	LHS	1	30.00	0.40	0.30	3.60	
	Ch:30.00m to 27.80m	LHS	1	27.00	0.40	0.30	3.24	
	Ch:0.00m to 30.00m	RHS	1	30.00	0.40	0.30	3.60	
	Ch:30.00m to 27.80m	RHS	1	27.00	0.40	0.30	3.24	
						Present Qty	**37.58**	**Cum**

ntractor

Asst. Engineer

2/7/2020

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Asst. Exec. Engineer,

Name of Work:Improvements to Cross roads at Muneshwara Layout in ward no 03

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
3	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. 7.5 cms thick (P.No.27,I.No.5.31.1 of PW, P&IWTD SR 2018-19							
	Missing /Damaged							
	Bottom Slab							
	10th Cross Rd							
	Ch:0.00m to 30.00m	LHS	1	2.00	1.65		3.30	
	Ch:30.00m to 46.6m	LHS	1	4.00	1.65		6.60	
	Ch:0.00m to 30.00m	RHS	1	4.00	1.65		6.60	
	Ch:30.00m to 46.6m	RHS	1	3.00	1.65		4.95	
	11th Cross Rd							
	Ch:0.00m to 30.00m	LHS	1	4.00	1.65		6.60	
	Ch:30.00m to 23.00m	LHS	1	5.50	1.65		9.08	
	Ch:0.00m to 30.00m	RHS	1	6.00	1.65		9.90	
	Ch:30.00m to 23.00m	RHS	1	5.00	1.65		8.25	
	12th Cross Rd							
	Ch:0.00m to 30.00m	LHS	1	4.00	1.65		6.60	
	Ch:30.00m to 27.80m	LHS	1	5.80	1.65		9.57	
	Ch:0.00m to 30.00m	RHS	1	6.00	1.65		9.90	
	Ch:30.00m to 27.80m	RHS	1	4.00	1.65		6.60	
							87.95	**Sqm**

ntractor

Asst. Engineer

2/7/2020

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ಯಲಹಂಕ ಉಪವಿಭಾಗ ಸಂಖ್ಯೆ-1
Asst. Exec. Engineer,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Name of Work:Improvements to Cross roads at Muneshwara Layout in ward no 03

Detailed Measurements

leasurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
4	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications.						
	Asphalt Road						
	Muneshwara Layout						
	10th Cross Rd						
	Ch:0.00m to 30.00m	1	30.00	(5.70 + 5.50)/2	0.30	50.40	
	Ch:30.00m to 46.60m	1	16.60	(5.50 + 5.20)/2	0.30	26.64	
	11th Cross Rd						
	Ch:0.00m to 30.00m	1	30.00	(4.60 + 5.20)/2	0.30	44.10	
	Ch:90.00m to 53.00m	1	23.00	(5.20 + 5.40)/2	0.30	36.57	
	12th Cross Rd						
	Ch:0.00m to 30.00m	1	30.00	(4.80 + 4.60)/2	0.30	42.30	
	Ch:0.0m to 57.8m	1	27.80	(4.60 + 4.10)/2	0.30	36.28	
	5th Main Rd						
	Ramachandra House Rd						
	Ch:0.00m to 17.30m	1	17.30	(4.40 + 4.60)/2	0.30	23.36	
	Sharma House Rd						
	Ch:0.00m to 17.40m	1	17.40	(4.20 + 4.10)/2	0.30	21.66	
	Muniraju House Rd						
	Ch:0.00m to 20.30m	1	20.30	(5.40 + 4.00)/2	0.30	28.62	
	7th Cross Rd						
	Ch:0.00m to 30.00m	1	30.00	(1.80 + 1.60)/2	0.25	12.75	
	Ch:30.00m to 60.00m	1	30.00	(1.60 + 1.50)/2	0.25	11.63	
	Ch:60.00m to 90.00m	1	30.00	(1.50 + 1.65)/2	0.25	11.81	

Contractor

Asst. Engineer

13/7/2020

Asst. Exec. Engineer,

tem No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch:90.00m to 120.00m	1	30.00	(1.65 + 1.70)/2	0.25	12.56	
	Ch:120.00m to 138.30m	1	18.30	(1.70 + 1.85)/2	0.25	8.12	
	7th A Cross Rd						
	Ch:0.00m to 26.5m	1	26.50	(1.40 + 1.30)/2	0.25	8.94	
	7th B Cross Rd						
	Ch:0.00m to 30.00m	1	30.00	(1.30 + 1.40)/2	0.25	10.13	
	Ch:0.00m to 31.70m	1	1.70	(1.40 + 1.50)/2	0.25	0.62	
	8th A Cross Rd						
	Ch:0.00m to 30.00m	1	30.00	(1.20 + 1.30)/2	0.25	9.38	
	Ch:0.00m to 39.00m	1	9.00	(1.30 + 1.40)/2	0.25	3.04	
	8th B Cross Rd						
	Ch:0.00m to 30.00m	1	30.00	(1.30 + 1.45)/2	0.25	10.31	
	Ch:0.00m to 38.50m	1	8.50	(1.45 + 1.40)/2	0.25	3.03	
	Berm Cutting						
	Muneshwara Layout						
	10th Cross Rd						
	Ch:0.00m to 30.00m	1	30.00	(1.00 + 1.00)/2	0.20	6.00	
	Ch:30.00m to 46.60m	1	16.60	(1.00 + 1.00)/2	0.20	3.32	
	11th Cross Rd						
	Ch:0.00m to 30.00m	1	30.00	(1.00 + 1.10)/2	0.20	6.30	
	Ch:90.00m to 53.00m	1	23.00	(1.10 + 1.20)/2	0.20	5.29	
	12th Cross Rd						
	Ch:0.00m to 30.00m	1	30.00	(1.00 + 1.00)/2	0.20	6.00	
	Ch:0.0m to 57.8m	1	27.80	(1.00 + 1.00)/2	0.20	5.56	
					Present Qty	**444.71**	**Cum**

Contractor

Asst. Engineer

12/7/2020

Asst. Exec. Engineer.

Name of Work:Improvements to Cross roads at Muneshwara Layout in ward no 03

Detailed Measurements

urement Recorded On:

m o	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
5	KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications. MORTH / Chapter 3(P.No-147,I No-19.64)						
	Asphalt Road						
	Muneshwara Layout						
	10th Cross Rd						
	Ch:0.00m to 30.00m	1	30.00	(5.70 + 5.50)/2		168.00	
	Ch:30.00m to 46.60m	1	16.60	(5.50 + 5.20)/2		88.81	
	11th Cross Rd						
	Ch:0.00m to 30.00m	1	30.00	(4.60 + 5.20)/2		147.00	
	Ch:90.00m to 53.00m	1	23.00	(5.20 + 5.40)/2		121.90	
	12th Cross Rd						
	Ch:0.00m to 30.00m	1	30.00	(4.80 + 4.60)/2		141.00	
	Ch:0.0m to 57.80m	1	27.80	(4.60 + 4.10)/2		120.93	
	5th Main Rd						
	Ramachandra House Rd						
	Ch:0.00m to 17.30m	1	17.30	(4.40 + 4.60)/2		77.85	
	Sharma House Rd						
	Ch:0.00m to 17.40m	1	17.40	(4.20 + 4.10)/2		72.21	
	Muniraju House Rd						
	Ch:0.00m to 20.30m	1	20.30	(5.40 + 4.00)/2		95.41	
					Present Qty	**1033.11**	**Sqm**

Contractor

Asst. Engineer

13/7/2020

Asst. Exec. Engineer,

Name of Work:Improvements to Cross roads at Muneshwara Layout in ward no 03

Detailed Measurements

rement Recorded On:

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per						
Asphalt Road						
Muneshwara Layout						
10th Cross Rd						
Ch:0.00m to 30.00m	1	30.00	(5.70 + 5.50)/2	0.20	33.60	
Ch:30.00m to 46.60m	1	16.60	(5.50 + 5.20)/2	0.20	17.76	
11th Cross Rd						
Ch:0.00m to 30.00m	1	30.00	(4.60 + 5.20)/2	0.20	29.40	
Ch:90.00m to 53.00m	1	23.00	(5.20 + 5.40)/2	0.20	24.38	
12th Cross Rd						
Ch:0.00m to 30.00m	1	30.00	(4.80 + 4.60)/2	0.20	28.20	
Ch:0.0m to 57.80m	1	27.80	(4.60 + 4.10)/2	0.20	24.19	
5th Main Rd						
Ramachandra House Rd						
Ch:0.00m to 17.30m	1	17.30	(4.40 + 4.60)/2	0.20	15.57	
Sharma House Rd						
Ch:0.00m to 17.40m	1	17.40	(4.20 + 4.10)/2	0.20	14.44	
Muniraju House Rd						
Ch:0.00m to 20.30m	1	20.30	(5.40 + 4.00)/2	0.20	19.08	
7th Cross Rd						
Ch:0.00m to 30.00m	1	30.00	(1.80 + 1.60)/2	0.20	10.20	
Ch:30.00m to 60m	1	30.00	(1.60 + 1.50)/2	0.20	9.30	

tractor

Asst. Engineer

24/7/2020

Asst. Exec. Engineer.

Name of Work:Improvements to Cross roads at Muneshwara Layout in ward no 03

Detailed Measurements

ement Recorded On:

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.						
Asphalt Road						
Muneshwara Layout						
10th Cross Rd						
Ch:0.00m to 30.00m	1	30.00	(5.70 + 5.50)/2		168.00	
Ch:30.00m to 46.60m	1	16.60	(5.50 + 5.20)/2		88.81	
11th Cross Rd						
Ch:0.00m to 30.00m	1	30.00	(4.60 + 5.20)/2		147.00	
Ch:90.00m to 53.00m	1	23.00	(5.20 + 5.40)/2		121.90	
12th Cross Rd						
Ch:0.00m to 30.00m	1	30.00	(4.80 + 4.60)/2		141.00	
Ch:0.0m to 57.80m	1	27.80	(4.60 + 4.10)/2		120.93	
5th Main Rd						
Ramachandra House Rd						
Ch:0.00m to 17.30m	1	17.30	(4.40 + 4.60)/2		77.85	
Sharma House Rd						
Ch:0.00m to 17.40m	1	17.40	(4.20 + 4.10)/2		72.21	
Muniraju House Rd						
Ch:0.00m to 20.30m	1	20.30	(5.40 + 4.00)/2		95.41	
7th Cross Rd						
Ch:0.00m to 30.00m	1	30.00	(1.80 + 1.60)/2		51.00	
Ch:30.00m to 60m	1	30.00	(1.60 + 1.50)/2		46.50	
Ch:60.00m to 90.00m	1	30.00	(1.50 + 1.65)/2		47.25	
Ch:90.00m to 120m	1	30.00	(1.65 + 1.70)/2		50.25	

ntractor

Asst. Engineer

26/8/2020

Asst. Exec. Engineer,

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
Ch:60.00m to 90.00m	1	30.00	(1.50 + 1.65)/2	0.05	2.36	
Ch:90.00m to 120m	1	30.00	(1.65 + 1.70)/2	0.05	2.51	
Ch:120.00m to 138.3m	1	18.30	(1.70 + 1.85)/2	0.05	1.62	
7th A Cross Rd						
Ch:0.00m to 26.5m	1	26.50	(1.40 + 1.30)/2	0.05	1.79	
7th B Cross Rd						
Ch:0.00m to 30m	1	30.00	(1.30 + 1.40)/2	0.05	2.03	
Ch:0.00m to 31.7m	1	1.70	(1.40 + 1.50)/2	0.05	0.12	
8th A Cross Rd						
Ch:0.00m to 30m	1	30.00	(1.20 + 1.30)/2	0.05	1.88	
Ch:0.00m to 39m	1	9.00	(1.30 + 1.40)/2	0.05	0.61	
8th B Cross Rd						
Ch:0.00m to 30m	1	30.00	(1.30 + 1.40)/2	0.05	2.03	
Ch:0.00m to 38.5m	1	8.50	(1.40 + 1.40)/2	0.05	0.60	
				Present Qty	**72.07**	**Cum**

Contractor

Asst. Engineer

26/8/2020

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Asst. Exec. Engineer,

Name of Work:Improvements to Cross roads at Muneshwara Layout in ward no 03

Detailed Measurements

rement Recorded On:

	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications.						
	Asphalt Road						
	Muneshwara Layout						
	10th Cross Rd						
	Ch:0.00m to 30.00m	1	30.00	$\frac{5.70 + 5.50}{2}$		168.00	
	Ch:30.00m to 46.60m	1	16.60	$\frac{5.50 + 5.20}{2}$		88.81	
	11th Cross Rd						
	Ch:0.00m to 30.00m	1	30.00	$\frac{4.60 + 5.20}{2}$		147.00	
	Ch:90.00m to 53.00m	1	23.00	$\frac{5.20 + 5.40}{2}$		121.90	
	12th Cross Rd						
	Ch:0.00m to 30.00m	1	30.00	$\frac{4.80 + 4.60}{2}$		141.00	
	Ch:0.0m to 57.80m	1	27.80	$\frac{4.60 + 4.10}{2}$		120.93	
	5th Main Rd						
	Ramachandra House Rd						
	Ch:0.00m to 17.30m	1	17.30	$\frac{4.40 + 4.60}{2}$		77.85	
	Sharma House Rd						
	Ch:0.00m to 17.40m	1	3.80	$\frac{1.30 + 1.30}{2}$		4.94	
	Muniraju House Rd						
	Ch:0.00m to 20.30m	1	17.40	$\frac{4.20 + 4.10}{2}$		72.21	
	Bell Mouth						
	Ch:0.00m to 6.2m	1	6.20	$\frac{1.30 + 1.30}{2}$		8.06	

Contractor

Asst. Engineer

5/9/2020

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ಜಿ.ಬಿ.ಎ. ಬೆಂಗಳೂರು-64

Asst. Exec. Engineer.

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
Muniraju House Rd						
Ch:0.00m to 20.3m	1	20.30	(5.40 + 4.00) / 2		95.41	
7th Cross Rd						
Ch:0.00m to 30.00m	1	30.00	(4.00 + 4.70) / 2		130.50	
Ch:30.00m to 60m	1	30.00	(4.70 + 3.50) / 2		123.00	
Ch:60.00m to 90.00m	1	30.00	(3.50 + 4.30) / 2		117.00	
Ch:90.00m to 120m	1	30.00	(4.30 + 4.30) / 2		129.00	
Ch:120.00m to 138.3m	1	18.30	(4.30 + 4.80) / 2		83.27	
7th A Cross Rd						
Ch:0.00m to 26.5m	1	26.50	(5.10 + 4.80) / 2		131.18	
7th B Cross Rd						
Ch:0.00m to 30m	1	30.00	(3.90 + 3.80) / 2		115.50	
Ch:0.00m to 31.7m	1	1.70	(3.80 + 3.90) / 2		6.55	
8th A Cross Rd						
Ch:0.00m to 30m	1	30.00	(4.00 + 4.00) / 2		120.00	
Ch:0.00m to 39m	1	9.00	(4.00 + 4.00) / 2		36.00	
8th B Cross Rd						
Ch:0.00m to 30m	1	30.00	(5.20 + 4.60) / 2		147.00	
Ch:0.00m to 38.5m	1	8.50	(4.60 + 4.00) / 2		36.55	
				Present Qty	**2221.65**	**Sqm**

Contractor

Asst. Engineer

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. Asst. Executive Engineer,

Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant									
Vide Pre-measurement Page no.						288.28			
					Present Qty	**288.28**	**Cum**	**2061.32**	**594231.00**
KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using									
Vide Pre-measurement Page no.						1441.38			
					Present Qty	**1441.38**	**Sqm**	**29.48**	**42492.00**
KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory									
Vide Pre-measurement Page no.						72.07			
					Present Qty	**72.07**	**Cum**	**6795.36**	**489736.00**
10	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road								
	Vide Pre-measurement Page no.					2221.65			
					Present Qty	**2221.65**	**Sqm**	**13.10**	**29104.00**

Asst. Engineer

13/9/2020

Asst. Exec. Engineer,

Name of Work: Improvements to Cross roads at Muneshwara Layout in ward no 04

Detailed Measurements

rement Recorded On:

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015 using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminus binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and								
Asphalt Road								
Muneshwara Layout								
10th Cross Rd								
Ch:0.00m to 30.00m	1	30.00	(5.70 + 5.50)/2		0.03	5.04		
Ch:30.00m to 46.60m	1	16.60	(5.50 + 5.20)/2		0.03	2.66		
11th Cross Rd								
Ch:0.00m to 30.00m	1	30.00	(4.60 + 5.20)/2		0.03	4.41		
Ch:90.00m to 53.00m	1	23.00	(5.20 + 5.40)/2		0.03	3.66		
12th Cross Rd								
Ch:0.00m to 30.00m	1	30.00	(4.80 + 4.60)/2		0.03	4.23		
Ch:0.0m to 57.80m	1	27.80	(4.60 + 4.10)/2		0.03	3.63		
5th Main Rd								
Ramachandra House Rd								
Ch:0.00m to 17.30m	1	17.30	(4.40 + 4.60)/2		0.03	2.34		
Sharma House Rd								
Ch:0.00m to 17.40m	1	3.80	(1.30 + 1.30)/2		0.03	0.15		
Muniraju House Rd								
Ch:0.00m to 20.30m	1	17.40	(4.20 + 4.10)/2		0.03	2.17		
Bell Mouth								
Ch:0.00m to 6.2m	1	6.20	(1.30 + 1.30)/2		0.03	0.24		
Muniraju House Rd								
Ch:0.00m to 20.3m	1	20.30	(5.40 + 4.00)/2		0.03	2.86		
7th Cross Rd								
Ch:0.00m to 30.00m	1	30.00	(4.00 + 4.20)/2		0.03	3.92		

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
30.00m to 60m	1	30.00	(4.70 + 3.50)/2	0.03	3.69			
60.00m to 90.00m	1	30.00	(3.50 + 4.30)/2	0.03	3.51			
n.90.00m to 120m	1	30.00	(4.30 + 4.30)/2	0.03	3.87			
Ch.120.00m to 138.3m	1	18.30	(4.30 + 4.80)/2	0.03	2.50			
7th A Cross Rd								
Ch.0.00m to 26.5m	1	26.50	(5.10 + 4.80)/2	0.03	3.94			
7th B Cross Rd								
Ch.0.00m to 30m	1	30.00	(3.90 + 3.80)/2	0.03	3.47			
Ch.0.00m to 31.7m	1	1.70	(3.80 + 3.90)/2	0.03	0.20			
8th A Cross Rd								
Ch.0.00m to 30m	1	30.00	(4.00 + 4.00)/2	0.03	3.60			
Ch.0.00m to 39m	1	9.00	(4.00 + 4.00)/2	0.03	1.08			
8th B Cross Rd								
Ch.0.00m to 30m	1	30.00	(5.20 + 4.60)/2	0.03	4.41			
Ch.0.00m to 38.5m	1	8.50	(4.60 + 4.00)/2	0.03	1.10			
				Present Qty	66.65	**Cum**	7986.52	532297.00

C&R

Contractor

Asst. Engineer

3/9/2020

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B.B.M.P. Asst. Exec. Engineer.

me of Work:Improvements to Cross roads at Muneshwara Layout in ward no 03

Detailed Measurements

nent Recorded On:

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
KSRRB M800-13 Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC 35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.								
Asphalt Road								
Muneshwara Layout								
10th Cross Rd								
Ch:0.00m to 30.00m	2	30.00	$\frac{0.10+0.10}{2}$		6.00			
Ch:30.00m to 46.60m	2	16.60	$\frac{0.10+0.10}{2}$		3.32			
11th Cross Rd								
Ch:0.00m to 30.00m	2	30.00	$\frac{0.10+0.10}{2}$		6.00			
Ch:90.00m to 53.00m	2	23.00	$\frac{0.10+0.10}{2}$		4.60			
12th Cross Rd								
Ch:0.00m to 30.00m	2	30.00	$\frac{0.10+0.10}{2}$		6.00			
Ch:0.0m to 57.80m	2	27.80	$\frac{0.10+0.10}{2}$		5.56			
5th Main Rd								
Ramachandra House Rd								
Ch:0.00m to 17.30m	2	17.30	$\frac{0.10+0.10}{2}$		3.46			
Sharma House Rd								
Ch:0.00m to 17.40m	2	17.40	$\frac{0.10+0.10}{2}$		3.48			
Muniraju House Rd								
Ch:0.00m to 20.30m	2	20.30	$\frac{0.10+0.10}{2}$		4.06			

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Contractor

Asst. Engineer

10.9.2020

Asst. Exec. Engineer.

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	7th Cross Rd								
	Ch:0.00m to 30.00m	2	30.00	(0.10 + 0.10)/2		6.00			
	Ch:30.00m to 60m	2	30.00	(0.10 + 0.10)/2		6.00			
	Ch:60.00m to 90.00m	2	30.00	(0.10 + 0.10)/2		6.00			
	Ch:90.00m to 120m	2	30.00	(0.10 + 0.10)/2		6.00			
	Ch:120.00m to 138.3m	2	18.30	(0.10 + 0.10)/2		3.66			
	7th A Cross Rd								
	Ch:0.00m to 26.5m	2	26.50	(0.10 + 0.10)/2		5.30			
	7th B Cross Rd								
	Ch:0.00m to 30m	2	30.00	(0.10 + 0.10)/2		6.00			
	Ch:0.00m to 31.7m	2	1.70	(0.10 + 0.10)/2		0.34			
	8th A Cross Rd								
	Ch:0.00m to 30m	2	30.00	(0.10 + 0.10)/2		6.00			
	Ch:0.00m to 39m	2	9.00	(0.10 + 0.10)/2		1.80			
	8th B Cross Rd								
	Ch:0.00m to 30m	2	30.00	(0.10 + 0.10)/2		6.00			
	Ch:0.00m to 38.5m	2	8.50	(0.10 + 0.10)/2		1.70			
					Present Qty	**97.28**	**Sqm**		
					Limited To	**82.40**	**Sqm**	**468.38**	**38595.00**
							Total		**2295262.00**
							GST 12%		**275431.44**
							Grand Total		**2570693.44**

Contractor

Asst. Engineer

30/9/2020

G&FC

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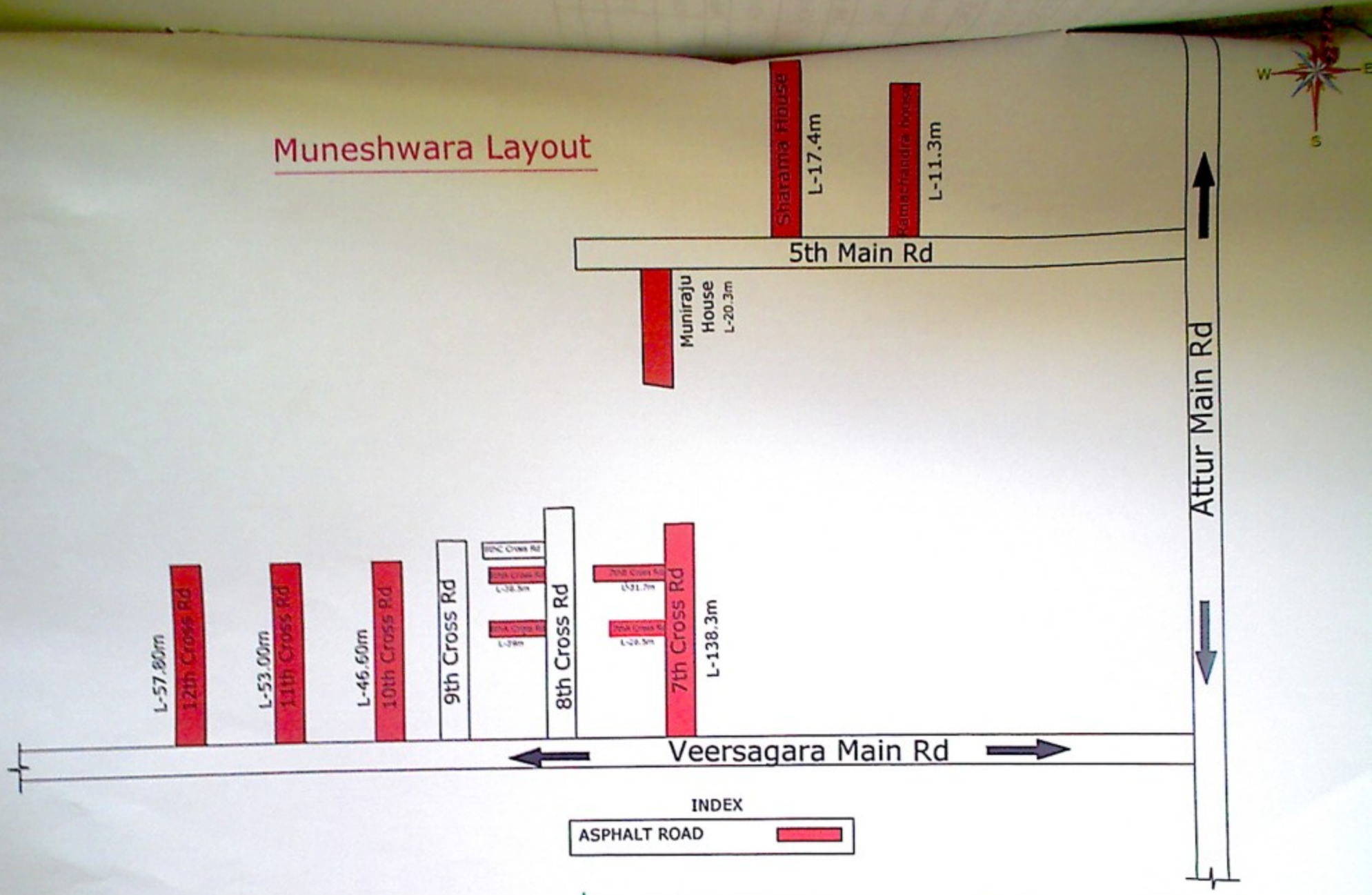
Asst. Exec. Engineer,



CLIENT:
BRUHAT BANGALORE MAHANAGARA PALIKE

Assistant Engineer | Assistant Executive Engineer | Executive Engineer

Drg Title:
Improvements to Cross Roads at Muneshwara Layout
in Ward No-03

Scale: N.T.S
Date
Drg. No:
Rev: R3